

What is claimed is:
~~claims:~~

1. Rod doctor intended for metering the amount of coating mix applied to the surface of a moving web (5) of board or paper or to the applicator roll surface in a film-transfer coater and for leveling the applied coat, the rod doctor comprising

- a support frame element (2),
- a cradle (3) adapted into the support frame element (2), and
- a rod (1) adapted to rotate in the cradle (3),

characterized in that the surfaces of the cradle (3) on which the rod (1) is adapted to conformingly rotate are covered by a surfacing layer (6) serving to improve the wear resistance and sliding friction properties of said surfaces.

2. Rod doctor according to claim 1, characterized in that the rod (1) is covered by a surfacing layer (7) serving to improve the wear resistance and sliding friction properties of the rod.

3. Rod doctor according to claim 1 or 2, characterized in that the thickness of the surfacing layer (6, 7) is from 1 nm to 90 m.

4. Rod doctor according to any one of claims 1 - 3, characterized in that the surfacing layer

(6, 7) is of a silicon-molybdenum alloy.

5 5. Rod doctor according to any one of claims 1 - 3,
c h a r a c t e r i z e d in that the material of the
surfacing layer (6, 7) is of diamond.

10 6. Rod doctor according to any one of claims 1 - 3,
c h a r a c t e r i z e d in that the surfacing layer
(6, 7) is of chromium.

7. Rod doctor according to any one of claims 1 - 3,
c h a r a c t e r i z e d in that the surfacing layer
(6, 7) is of a chromium-teflon composition.

15 8. Rod doctor according to any one of foregoing claims,
c h a r a c t e r i z e d in that the surfacing layer
(6, 7) is made using a vacuum deposition technique.

20 9. Rod doctor according to any one of claims 1 - 4,
c h a r a c t e r i z e d in that the surfacing layer
(6, 7) is made using a thermal spraying technique.

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